

ABSTRACT OF THE DISCLOSURE

The present invention relates to a method that can effectively summarize news video and an article-based video-browsing system that enables effective searching and filtering using the method.

The present invention provides an article-based news video content summary method, browsing interface and browsing system that summarize and browse at least one news article by using an anchor key frame, an episode key frame, a synthetic text key frame and a news icon of the news video stream. The anchor key frame is extracted from an anchor shot. The episode key frame is extracted from an episode scene. The synthetic text key frame is generated by summarizing important texts in video frames in the news article to be an image. The news icon includes an image, graphical element and so forth, which appear in an anchor shot to summarize contents of the news article.